

ABSTRACT

A radiation apparatus for dispersing heat energy generated by a heat-generating element includes a first and a second board chambers, a condenser tube, an evaporation tube and working fluid. The condenser tube and the evaporation tube have respectively
5 two ends located on the first and the second board chambers. The first and second board chambers, condenser tube and evaporation tube jointly form a closed space to contain the working fluid. The working fluid in the evaporation tube absorbs heat energy from the heat-generating element and vaporizes to flow through the first board chamber to the condenser tube. In the condenser tube, the heat energy previously
10 absorbed in vaporized working fluid is dispersed and the working fluid is condensed to become liquid flowing through the second board chamber to the evaporation tube to proceed another heat dissipation cycle. Thus heat dissipation efficiency may increase in the limited space of the server.